Function-Feature Intervals (version 2)
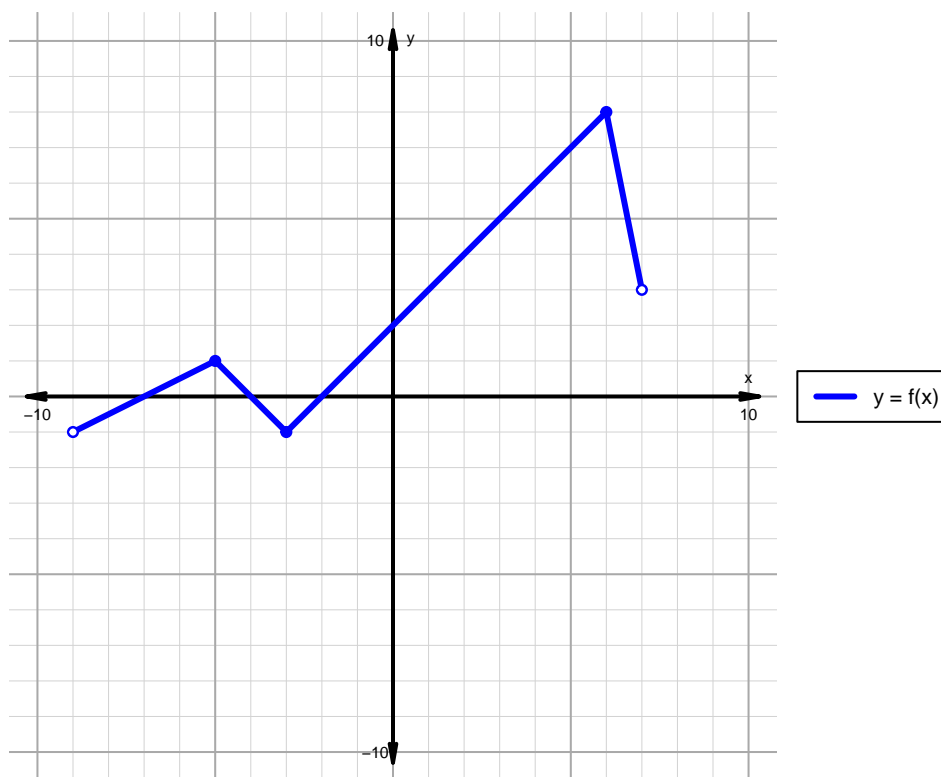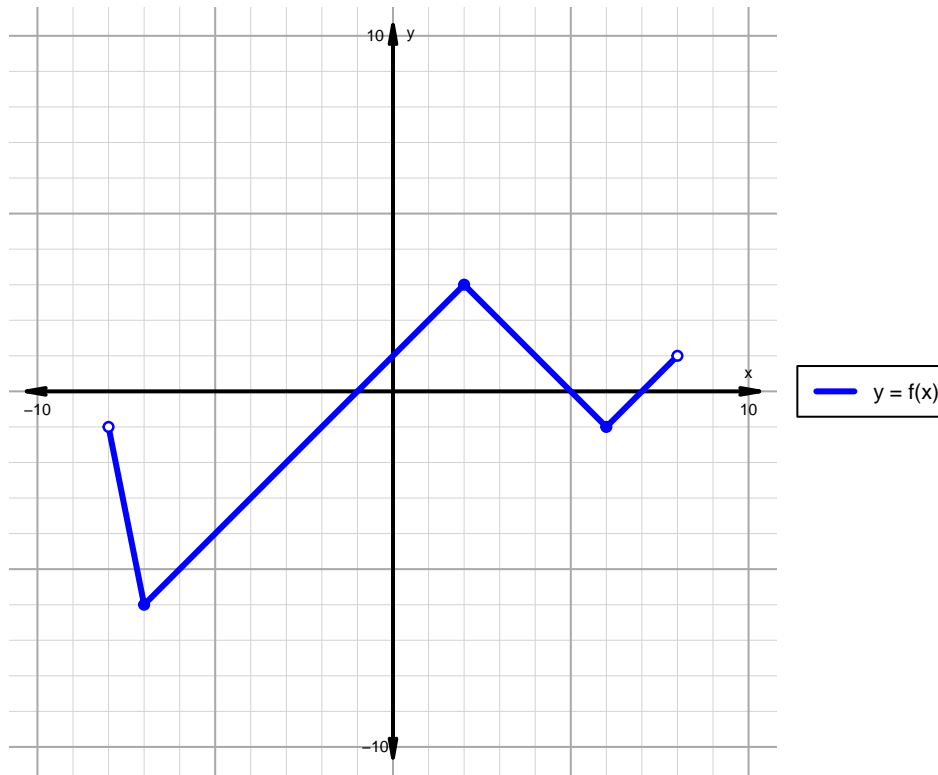
1. The function f is graphed below.

Indicate the following intervals using interval notation. Remember, you can use $\cup$ between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-7, -4) \cup (-2, 7)$
Negative	$(-9, -7) \cup (-4, -2)$
Increasing	$(-9, -5) \cup (-3, 6)$
Decreasing	$(-5, -3) \cup (6, 7)$
Domain	$(-9, 7)$
Range	$(-1, 8)$

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2. The function f is graphed below.

Indicate the following intervals using interval notation. Remember, you can use $\cup$ between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-1, 5) \cup (7, 8)$
Negative	$(-8, -1) \cup (5, 7)$
Increasing	$(-7, 2) \cup (6, 8)$
Decreasing	$(-8, -7) \cup (2, 6)$
Domain	$(-8, 8)$
Range	$(-6, 3)$